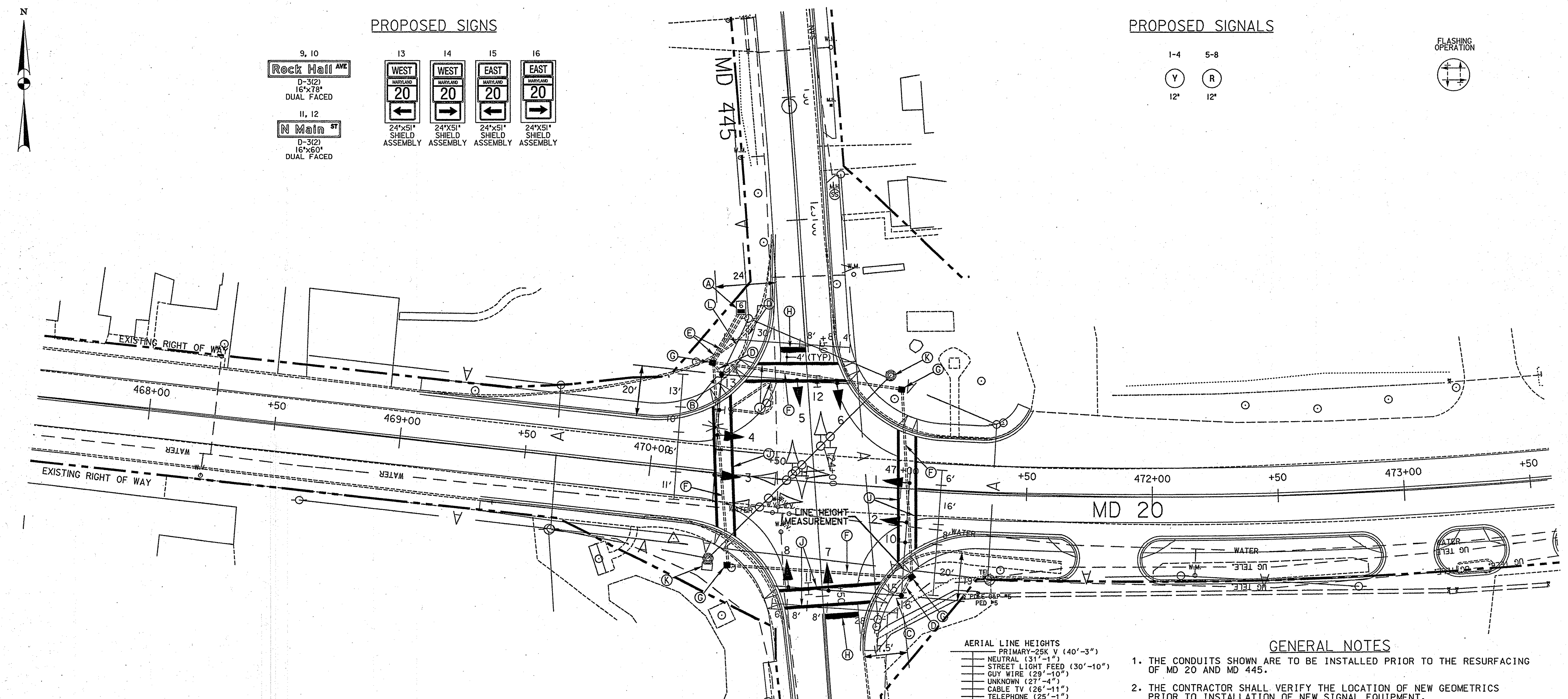

CONSTRUCTION DETAILS

A. INSTALL 8-PHASE NEMA SIZE 6 BASE-MOUNTED CABINET AND ALL NECESSARY EQUIPMENT (NOTE: 2-4 IN. PVC, AND 2-3 IN. PVC BENDS)

B. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS, VEHICLE SIGNAL HEADS, SIGNS, 20-FT. LIGHTING ARM WITH 250 WATT H.P.S. LUMINAIRE, 1 INCH GALVANIZED CONDUIT RISER (FOR PHONE DROP), CONTROL & DISTRIBUTION (INCLUDING 2 INCH GALVANIZED CONDUIT RISER), WEATHER HEAD, AND 4 – 1 3/4 IN. X 66 IN. ANCHOR BOLTS. (NOTE: 2-3 IN PVC 90 DEGREE BENDS)

C. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS, VEHICLE SIGNAL HEADS, SIGNS, AND 4 – 1 3/4 IN. X 66 IN. ANCHOR BOLTS. (NOTE: 1-3 IN PVC 90 DEGREE BEND)

D. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)

E. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)

F. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (SLOTTED PRIOR TO ROADWAY RESURFACING)

G. INSTALL HANDHOLE

H. INSTALL 24 IN. WHITE HEAT-APPLIED THERMOPLASTIC PERMANENT PAVEMENT MARKING FOR STOP LINES

J. INSTALL 12 IN. WHITE HEAT-APPLIED THERMOPLASTIC PERMANENT PAVEMENT MARKING FOR CROSSWALKS

K. REMOVE AND DISPOSE OF STEEL STRAIN POLE, SIGNAL HEADS AND CABINET

L. PROPOSED OVERHEAD POWER FEED BY CONECTIV

GENERAL NOTES

1. THE CONDUITS SHOWN ARE TO BE INSTALLED PRIOR TO THE RESURFACING OF MD 20 AND MD 445.

2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF NEW GEOMETRICS PRIOR TO INSTALLATION OF NEW SIGNAL EQUIPMENT.

3. WITHIN 18 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.

4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT EXISTS BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

5. ALL PROPOSED SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

UTILITY LEGEND

Symbol	Description
—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

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REVISIONS

Ⓐ FULL ICB RECONSTRUCT DUE TO STREETSCAPE IMPROVEMENTS SHA NO. KE-4325184 — 1/2002

STV

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINALS ON FILE

SP-1

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 20 & MD 445 TRAFFIC SIGNALIZATION PLAN

DRAWN BY:	B. THOMPSON	F.A.P. NO.	SEE TITLE SHEET	TS NO. 1691-A	SHEET NO.
CHECKED BY:	B. THOMPSON	S.H.A. NO.			
SCALE:	1 IN. = 20 FT.	COUNTY:	KENT	T.I.M.S. NO. F-008	37 OF 71
DATE:	6-12-79	LOG MILE:	14002001.38		

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